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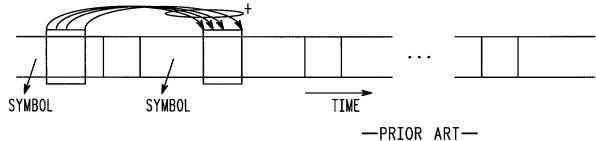


FIG. 1

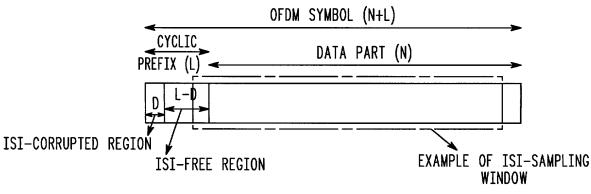


FIG. 2

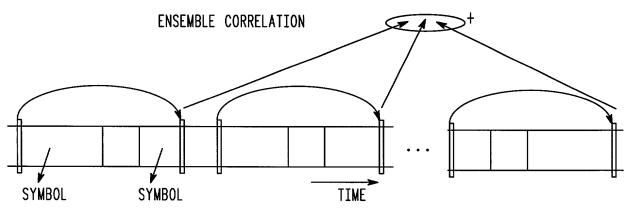


FIG. 3

 START

COMPUTE AN ENSEMBLE CORRELATION FUNCTION, HAVING A VALUE FOR EACH OF A PLURALITY OF SAMPLE POSITIONS WITHIN A TIME SPAN OF A CYCLICALLY EXTENDED SYMBOL, WHERE A VALUE OF THE ENSEMBLE CORRELATION FUNCTION IS DEPENDANT ON PAIRS OF RECEIVED SAMPLE VALUES, AND WHERE A PAIR OF RECEIVED SAMPLE VALUES IS COMPRISED OF THE TWO RECEIVED SAMPLE VALUES AT INDICES k+m(N+L) AND k+m(N+L)+N, N BEING THE LENGTH OF THE DATA PORTION OF THE CYCLICALLY EXTENDED SYMBOL, L BEING THE LENGTH OF THE CYCLIC EXTENSION, L DENOTES SAMPLE INDEX AND, L DENOTES SYMBOL INDEX

DETERMINE A SAMPLING POSITION FOR DEMODULATING THE RECEIVED SIGNAL BASED ON THE ENSEMBLE CORRELATION FUNCTION

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DETERMINE A DELAY-SPREAD OR OTHER CHANNEL MULTIPATH CHARACTERISTICS BASED ON THE ENSEMBLE CORRELATION FUNCTION

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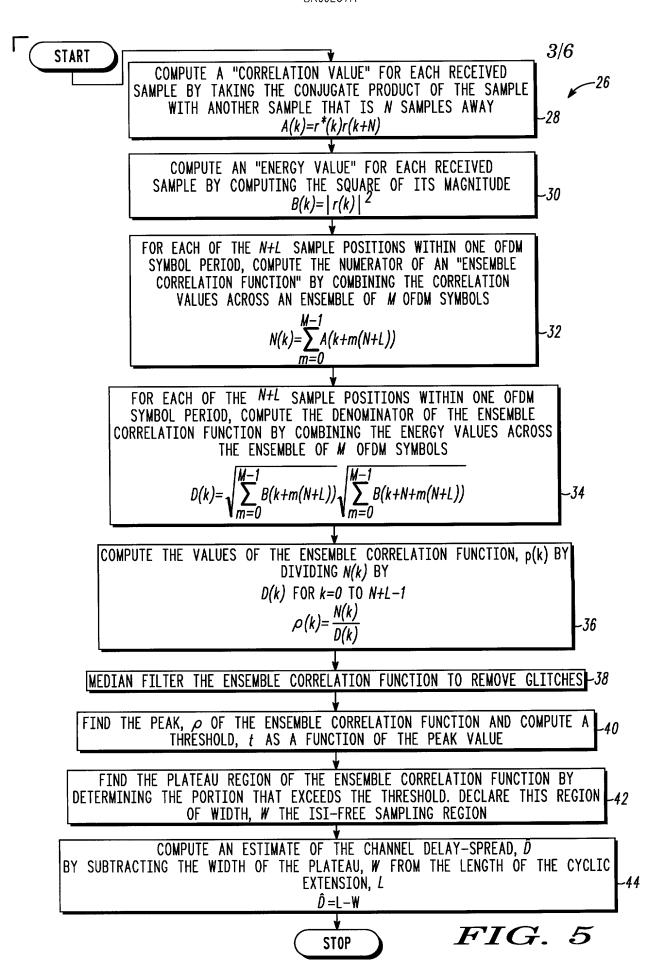
ADAPT THE RECEIVER BASED ON THE DELAY-SPREAD OR OTHER CHANNEL MULTIPATH CHARACTERISTICS TO IMPROVE PERFORMANCE

STOP

FIG. 4

24

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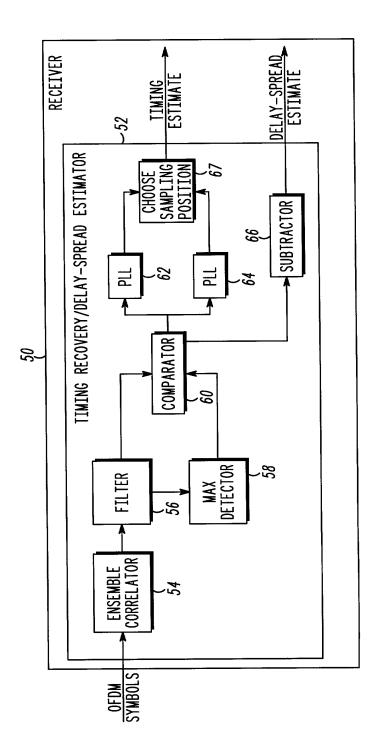


FIG. 6

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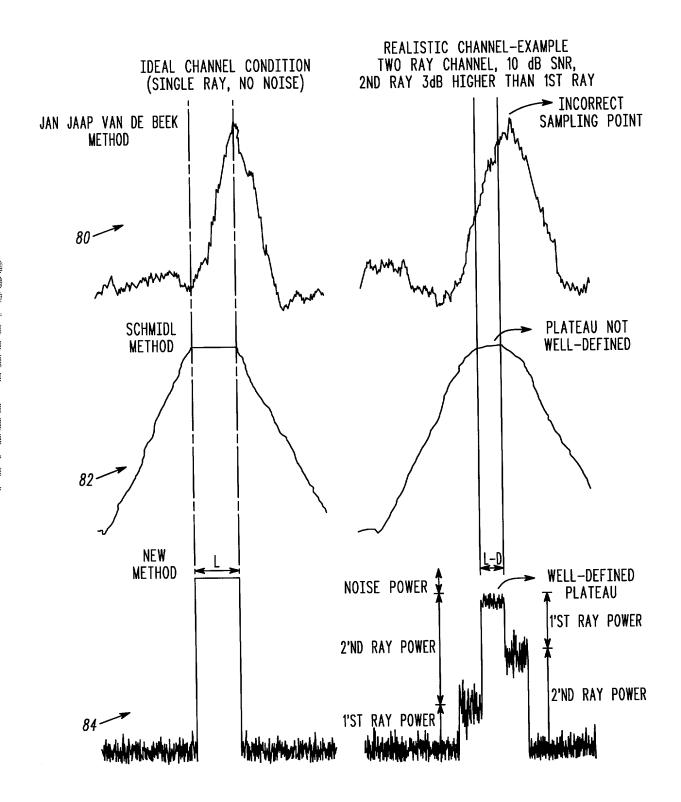


FIG. 7

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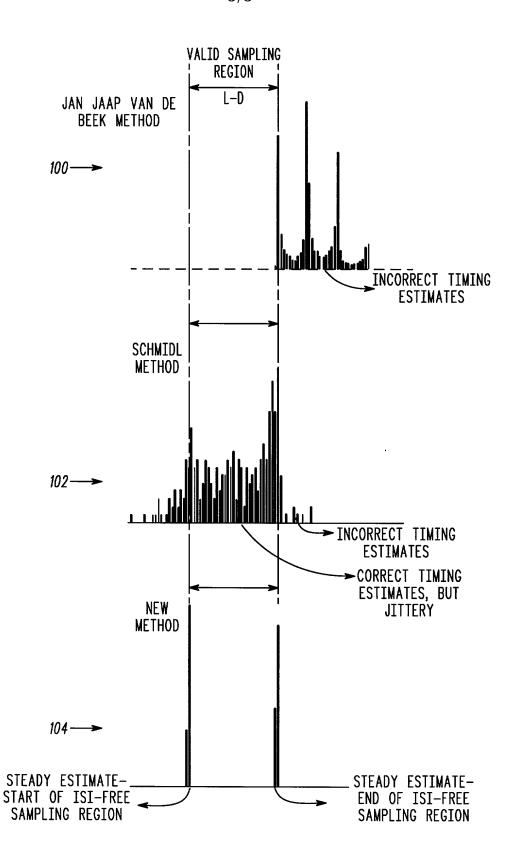


FIG. 8